

ABSTRACT OF THE DISCLOSURE

A demand assignment method for a communication network including a hub and a plurality of user nodes includes adding a demand field to each data burst from a
5 user node. Further, the method includes transmitting a first and second frame with first and second burst time plans from the hub to each user node, and transmitting a first and second respective data burst and demand field from each of the user nodes to the hub according to the first and second control information. The first data burst from each user node arrives simultaneously at the hub, and the second data burst from
10 each user node arrives simultaneously at the hub. Further, the second data burst from each user node arrives immediately following the arrival of the first data burst from each user node.

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